

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045718.D
 Acq On : 11 Jun 2020 11:27
 Operator : CG/JU
 Sample : L2965-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OFFICE-SLAB-1

Quant Time: Jun 11 12:19:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	64447	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	252740	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164681	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	330510	20.00	ng	0.00
76) Chrysene-d12	21.59	240	296886	20.00	ng	0.00
87) Perylene-d12	24.76	264	316123	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	279221	84.67	ng	0.00
7) Phenol-d6	7.13	99	466609	99.41	ng	-0.01
23) Nitrobenzene-d5	9.11	82	341321	73.64	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	149685	71.07	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	751835	77.44	ng	0.00
79) Terphenyl-d14	19.96	244	986753	77.52	ng	0.00

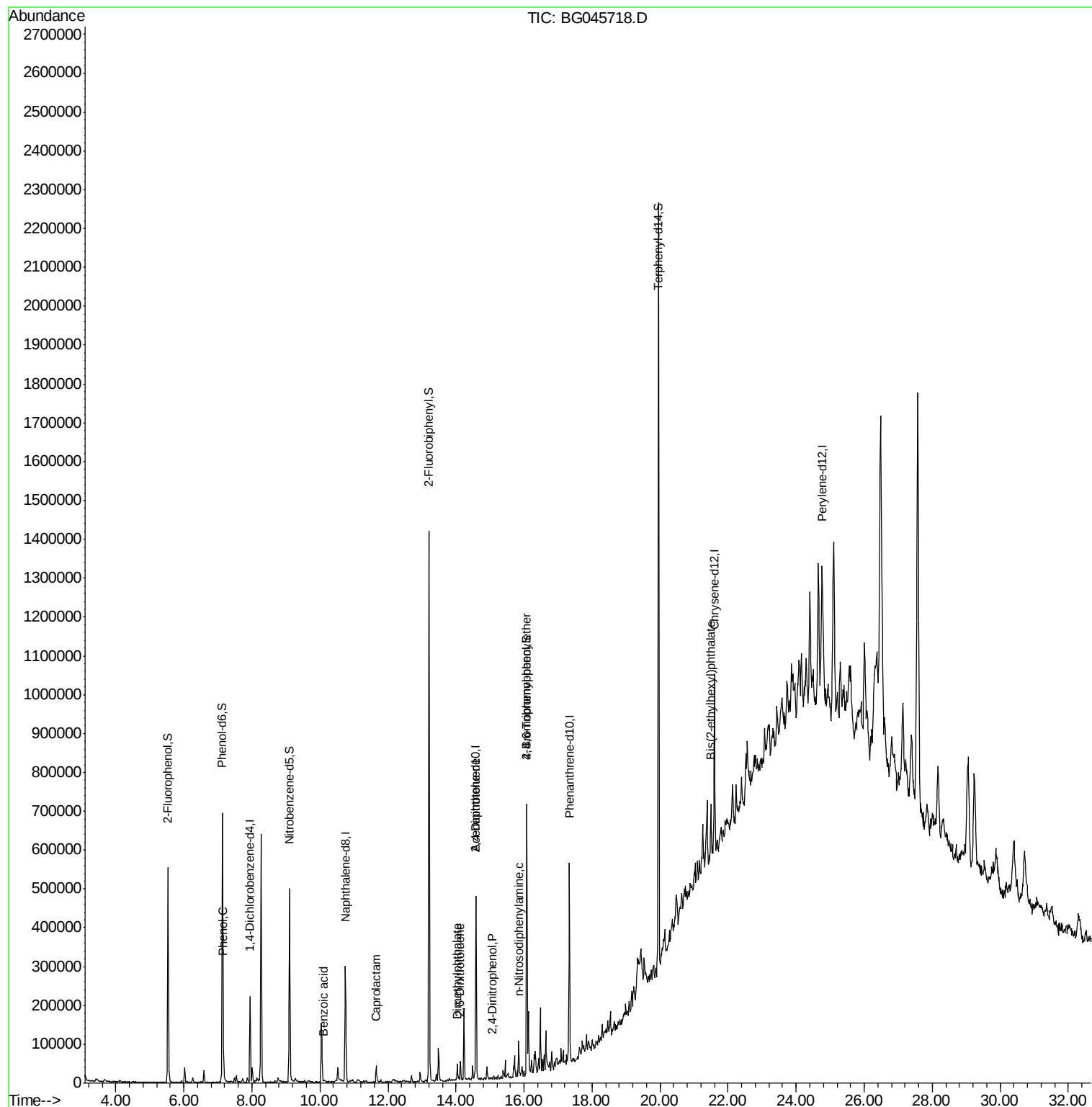
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.16	94	46975	9.711	ng	93
32) Benzoic acid	10.10	122	54	10.042	ng	# 41
35) Caprolactam	11.66	113	10409	7.622	ng	# 87
50) Dimethylphthalate	14.04	163	24713	2.188	ng	99
51) 2,6-Dinitrotoluene	14.13	165	7710	3.025	ng	# 24
54) 2,4-Dinitrophenol	15.07	184	56	5.490	ng	# 18
57) 2,4-Dinitrotoluene	14.59	165	22194	6.012	ng	# 22
66) n-Nitrosodiphenylamine	15.84	169	35921	4.527	ng	92
67) 4-Bromophenyl-phenylether	16.08	248	10353	2.893	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.49	149	54336	5.411	ng	97

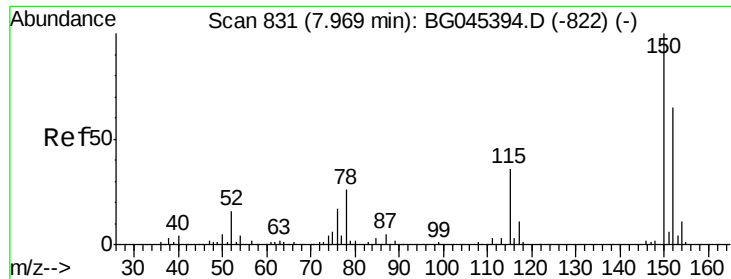
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

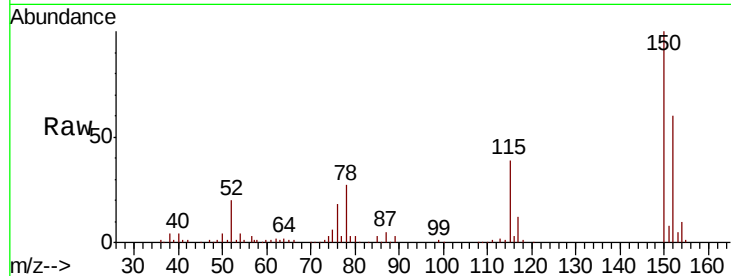
Tot Ion:152 Resp: 64447

Ion Ratio Lower Upper

152 100

150 166.8 122.4 183.6

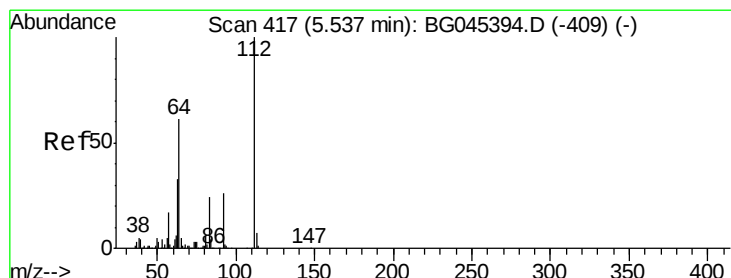
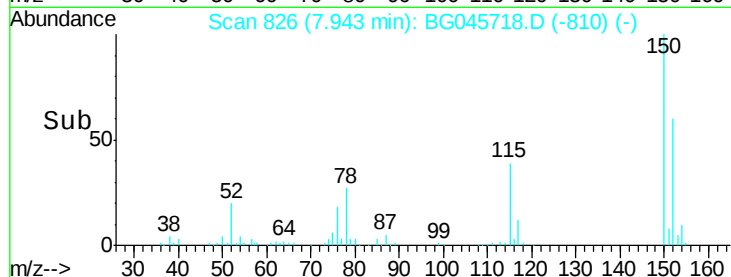
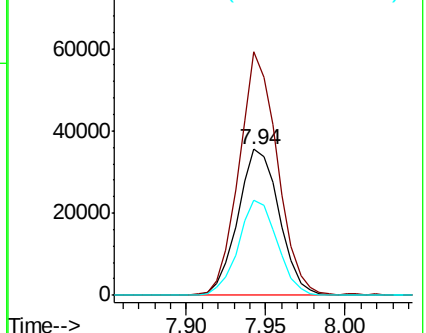
115 65.4 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 84.671 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

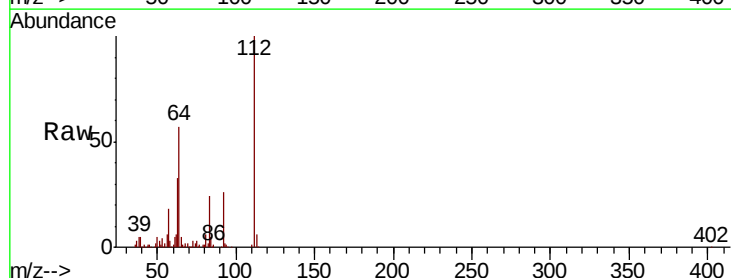
Tgt Ion:112 Resp: 279221

Ion Ratio Lower Upper

112 100

64 56.8 48.6 72.8

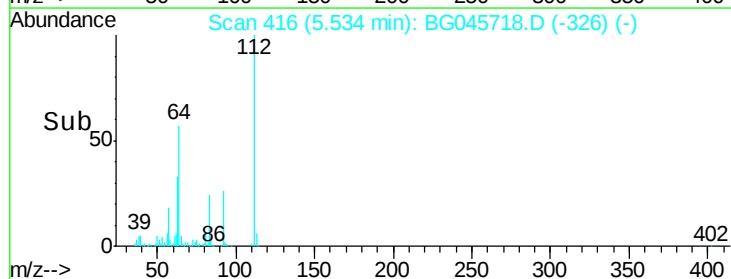
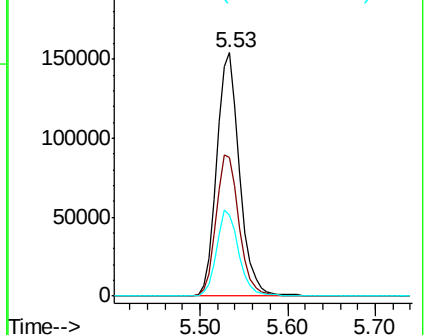
63 33.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 99.413 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

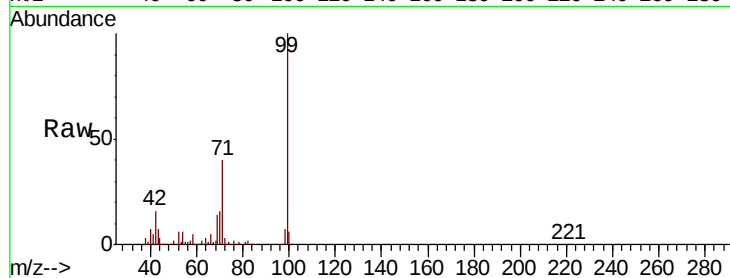
Tot Ion: 99 Resp: 466609

Ion Ratio Lower Upper

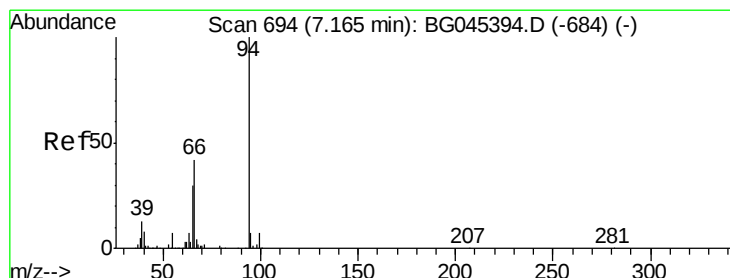
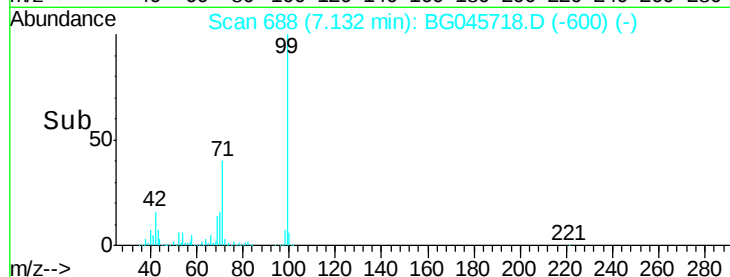
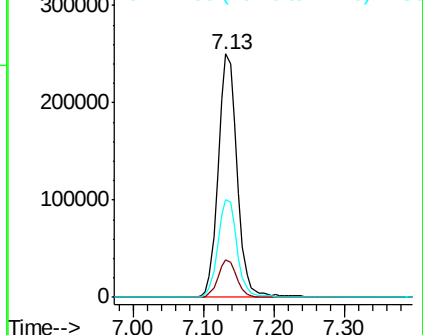
99 100

42 15.7 11.3 16.9

71 40.2 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 9.711 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

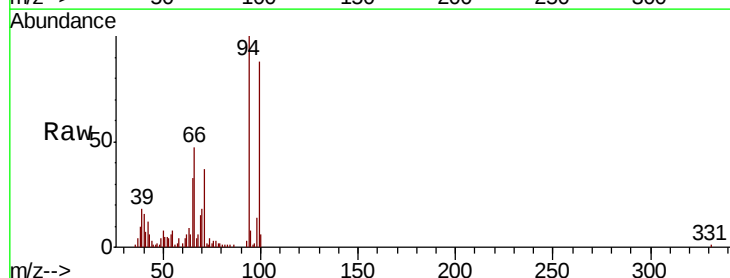
Tgt Ion: 94 Resp: 46975

Ion Ratio Lower Upper

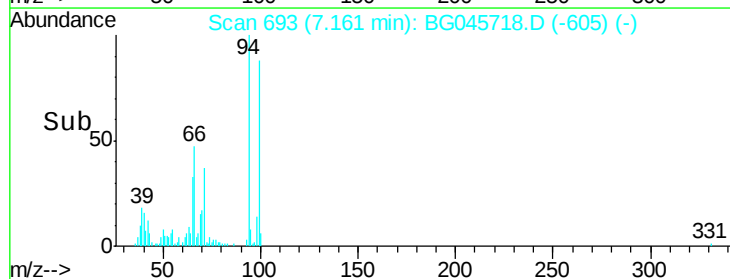
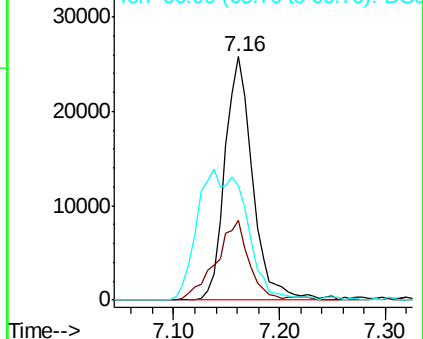
94 100

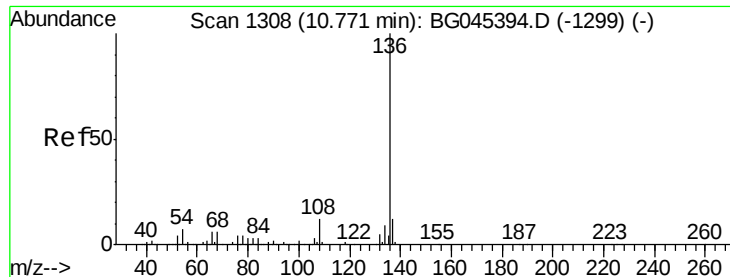
65 32.8 9.8 49.8

66 46.9 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

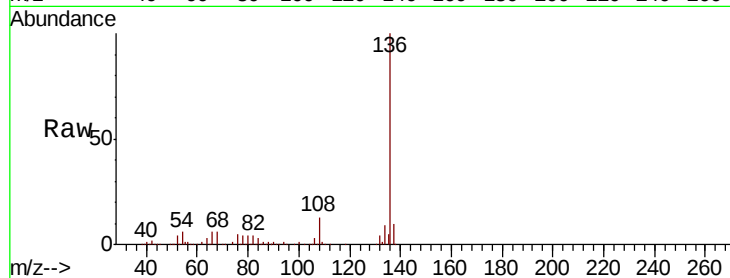




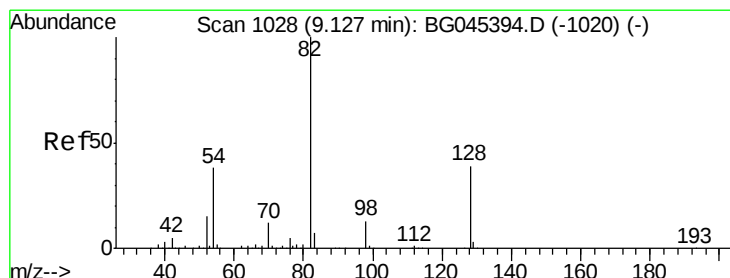
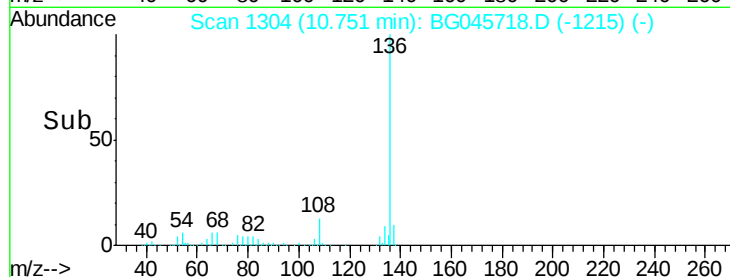
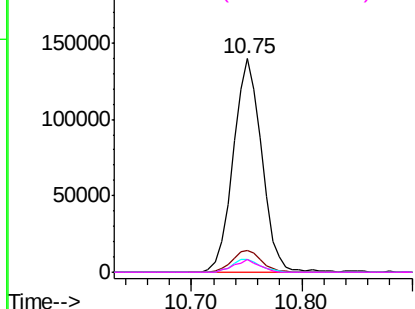
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

Tot Ion:136	Resp:	252740	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.4	14.2	
54 6.2	5.8	8.6	
68 5.8	4.5	6.7	

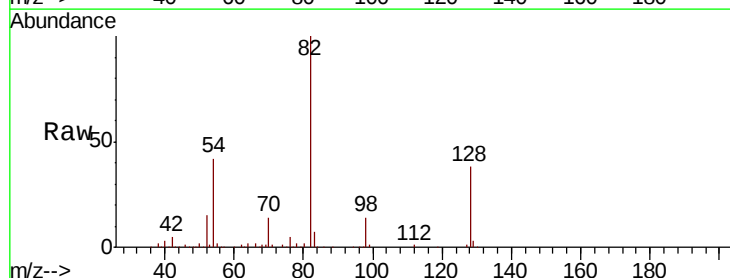


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

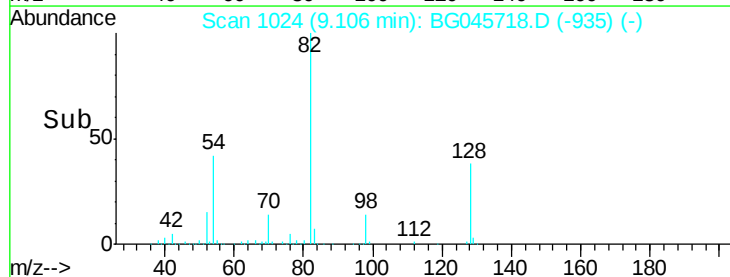
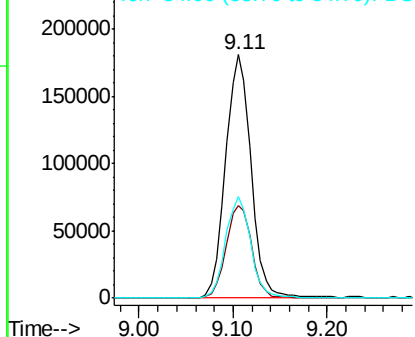


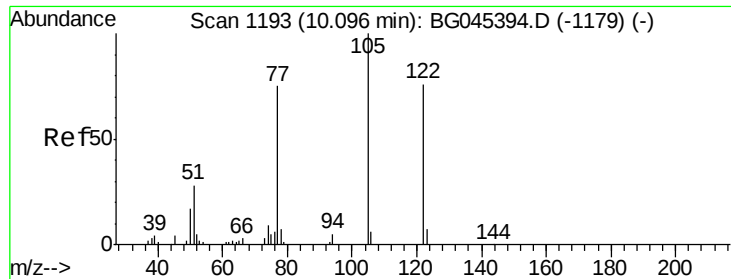
#23
Nitrobenzene-d5
Concen: 73.644 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion: 82	Resp: 341321
Ion Ratio	Lower Upper
82 100	
128 38.1	30.9 46.3
54 41.6	30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

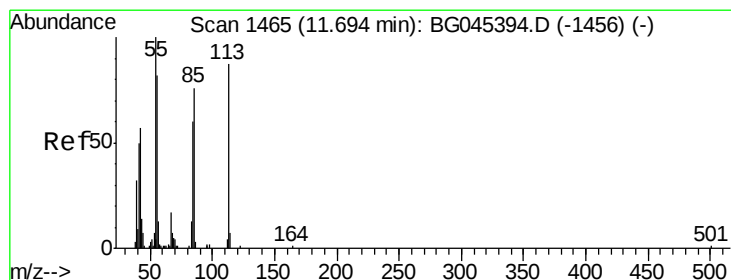
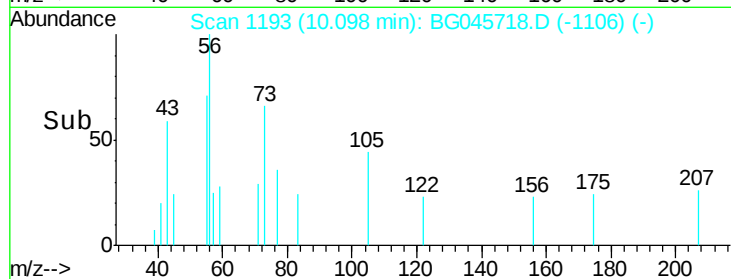
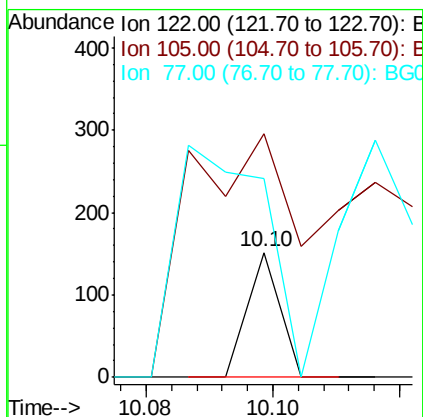
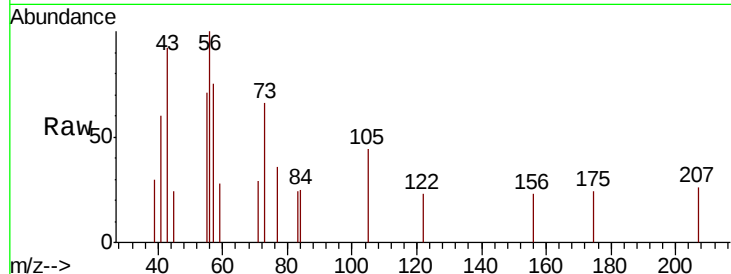




#32
Benzoic acid
Concen: 10.042 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

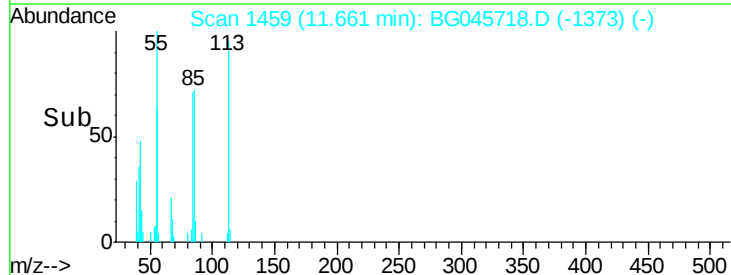
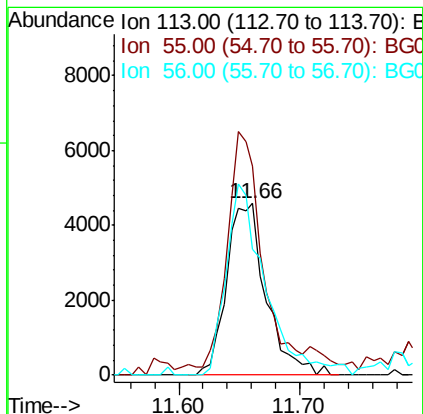
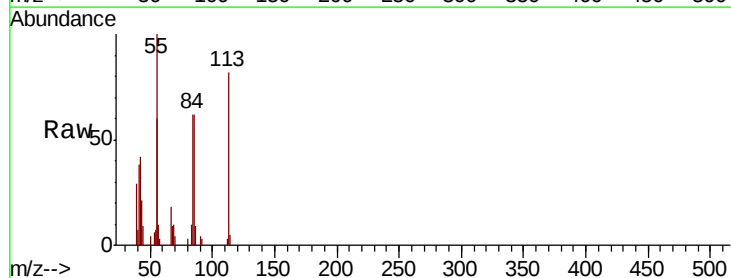
Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

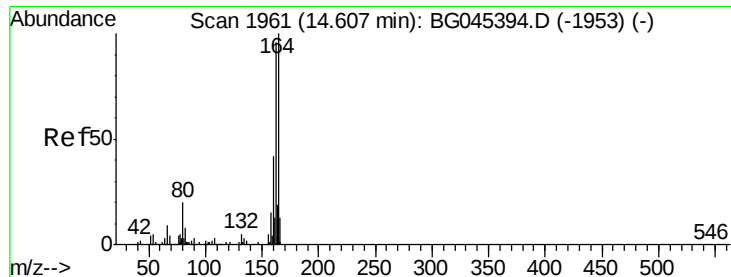
Tot Ion	Ratio	Lower	Upper
122	100		
105	194.7	107.9	147.9#
77	159.2	78.9	118.9#



#35
Caprolactam
Concen: 7.622 ng
RT: 11.66 min Scan# 1459
Delta R.T. -0.03 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion	Ratio	Lower	Upper
113	100		
55	121.8	96.0	136.0
56	73.0	75.1	115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

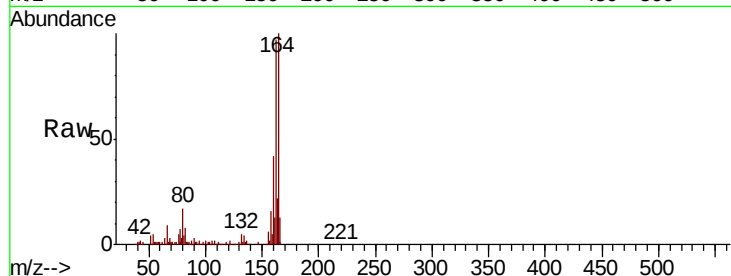
Tot Ion:164 Resp: 164681

Ion Ratio Lower Upper

164 100

162 97.3 76.9 115.3

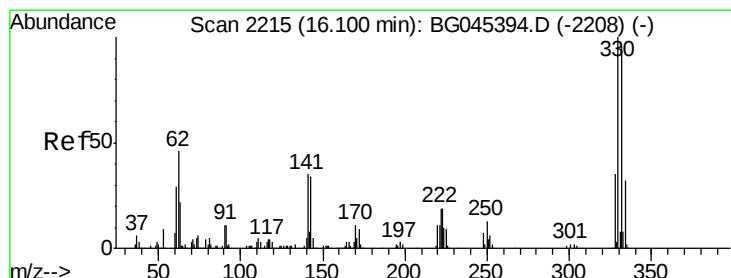
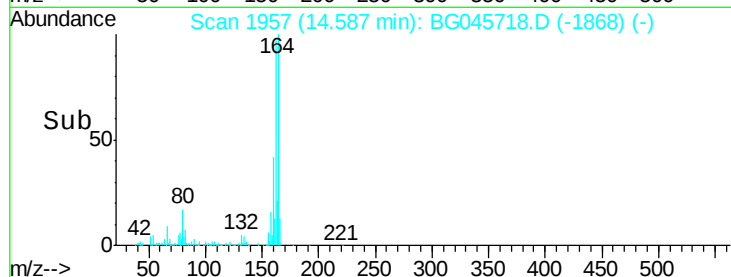
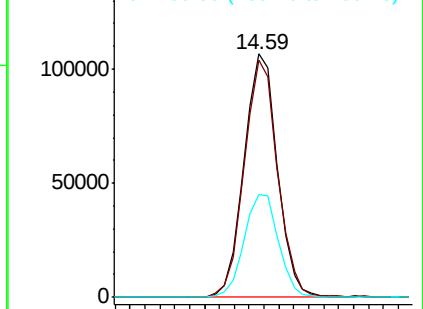
160 42.5 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 71.073 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

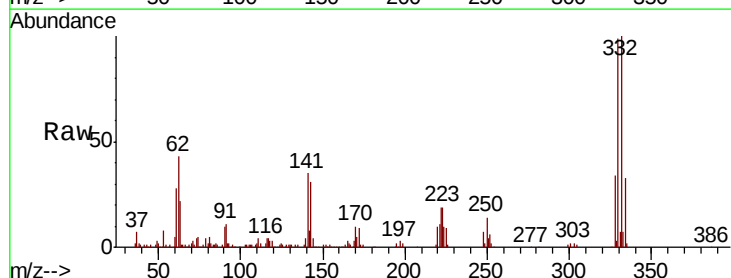
Tgt Ion:330 Resp: 149685

Ion Ratio Lower Upper

330 100

332 98.7 78.2 117.4

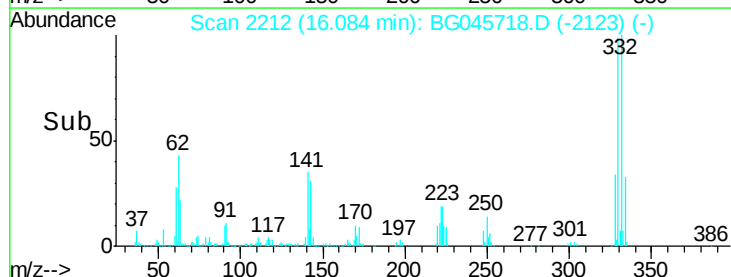
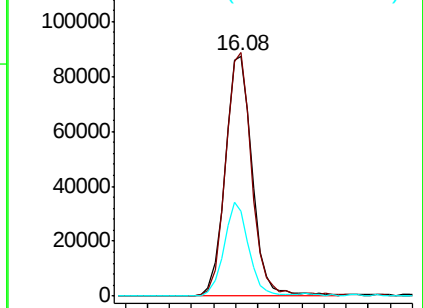
141 35.9 28.2 42.4

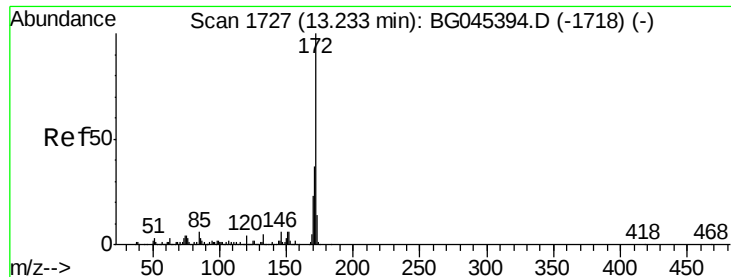


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

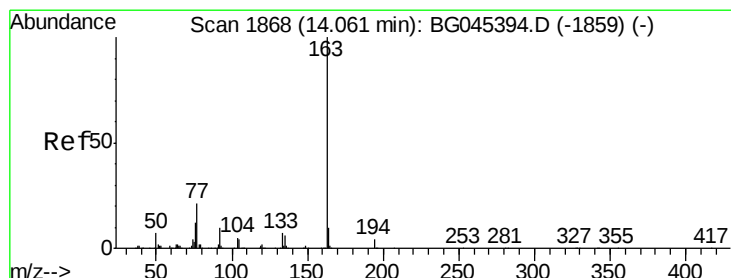
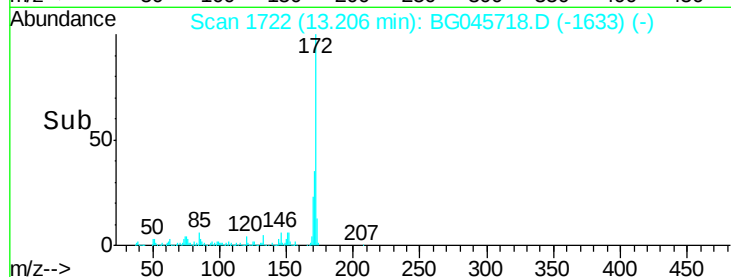
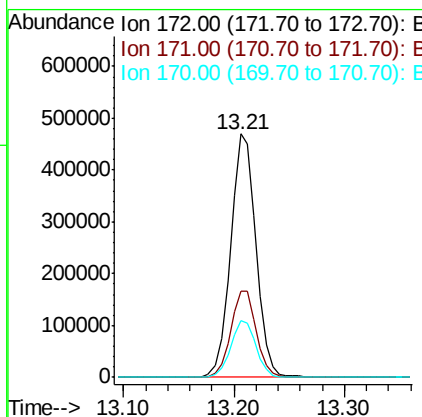
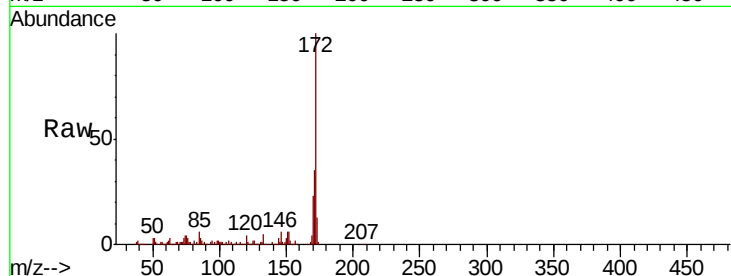




#45
2-Fluorobiphenyl
Concen: 77.439 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

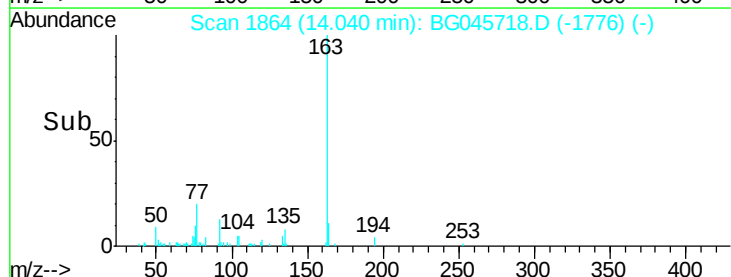
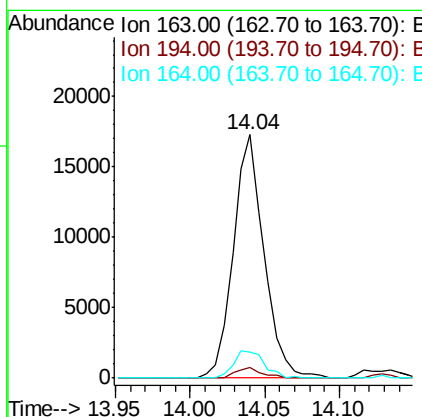
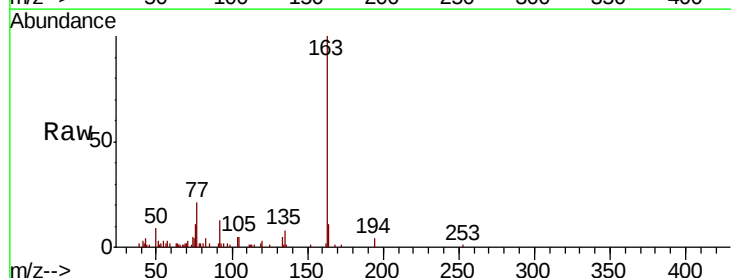
Instrument :
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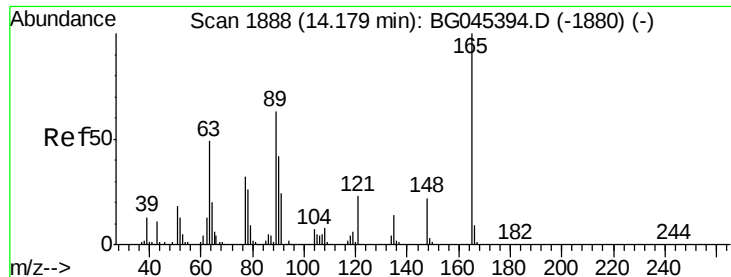
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	23.4	18.5	27.7



#50
Dimethylphthalate
Concen: 2.188 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.8	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 3.025 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

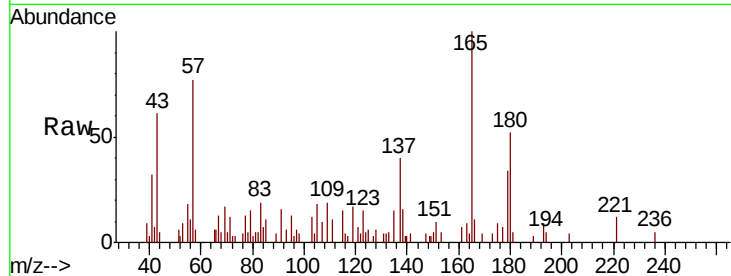
Tot Ion:165 Resp: 7710

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

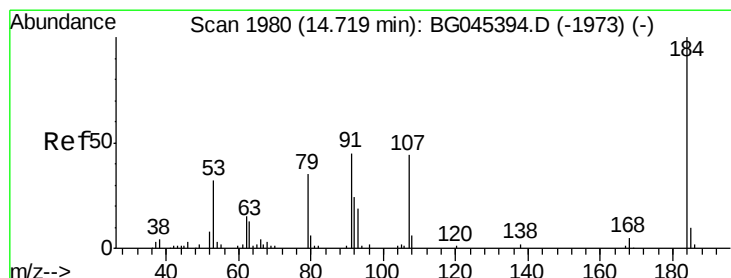
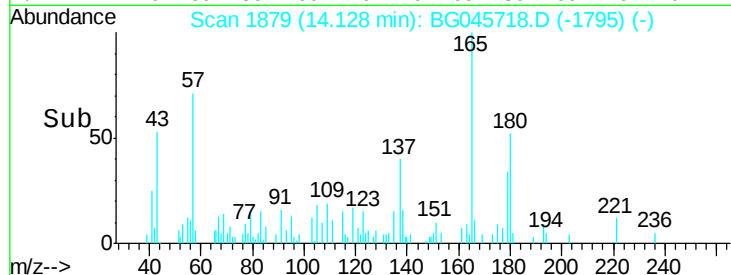
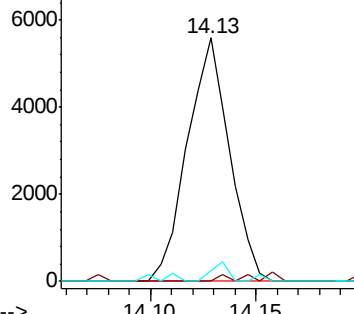
89 4.4 50.2 75.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#54

2,4-Dinitrophenol

Concen: 5.490 ng

RT: 15.07 min Scan# 2039

Delta R.T. 0.36 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

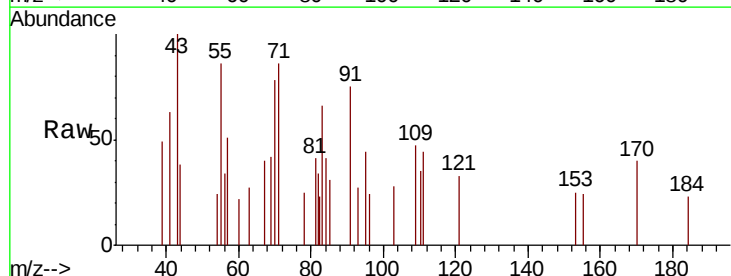
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 117.0 47.8 71.6#

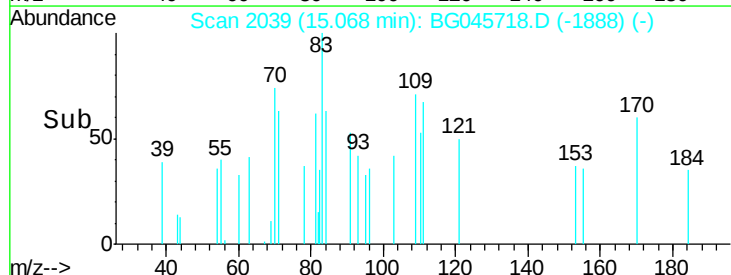
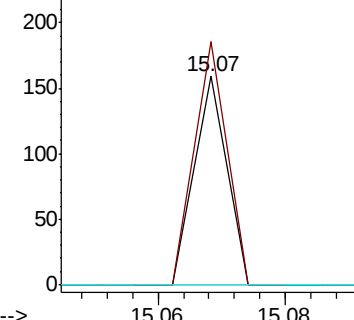
154 0.0 58.3 87.5#

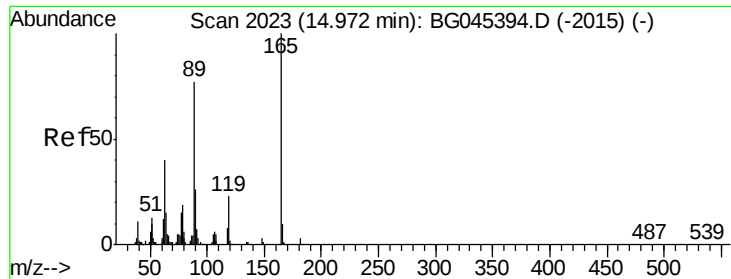


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

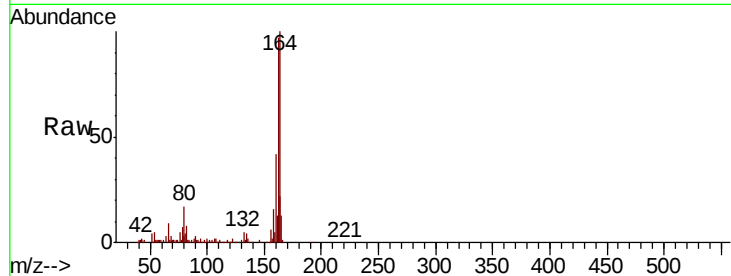




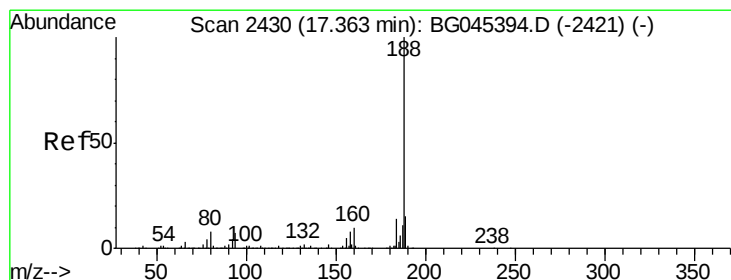
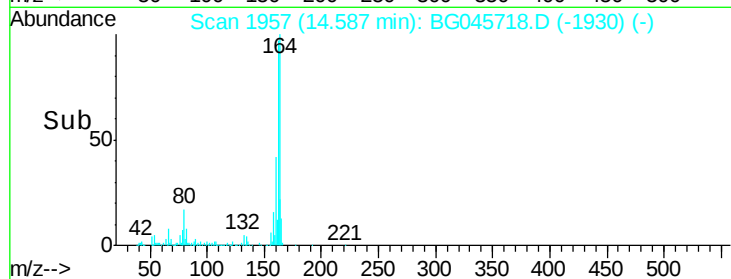
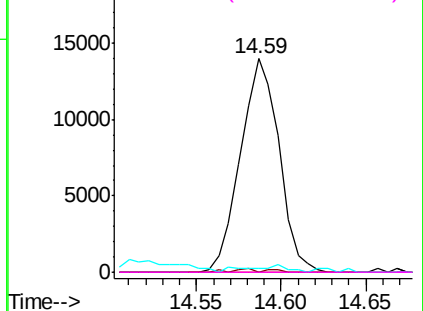
#57
 2,4-Dinitrotoluene
 Concen: 6.012 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Instrument :
 BNA_G
 ClientSampleId :
 OFFICE-SLAB-1

Tot Ion:165 Resp: 22194
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 1.9 61.8 92.6#
 182 0.0 2.3 3.5#

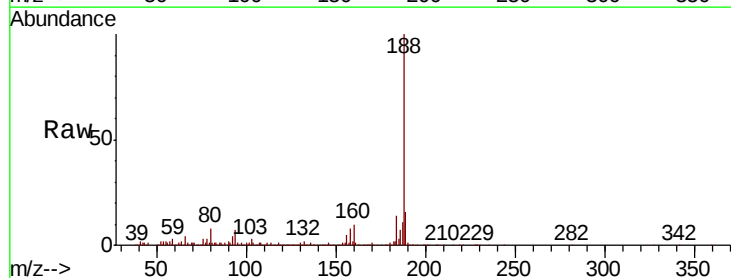


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

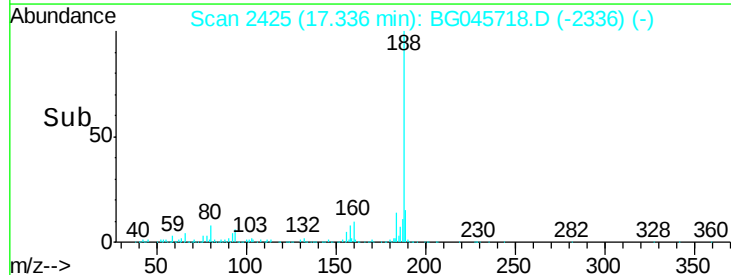
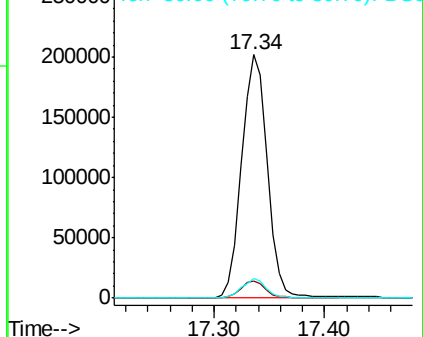


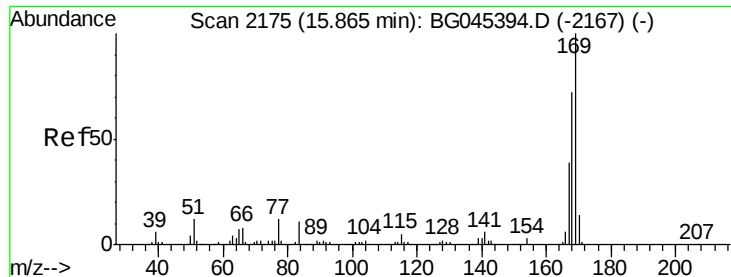
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Tgt Ion:188 Resp: 330510
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.5 8.3
 80 7.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#66

n-Nitrosodiphenylamine

Concen: 4.527 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

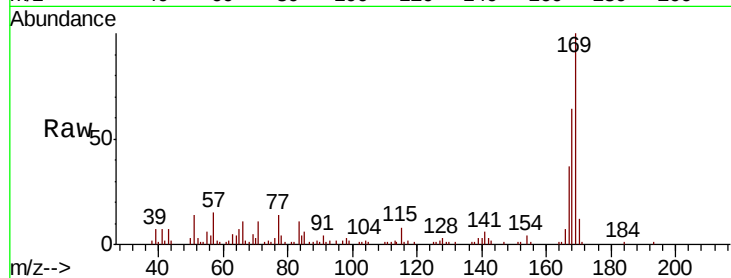
Tot Ion:169 Resp: 35921

Ion Ratio Lower Upper

169 100

168 63.9 57.8 86.6

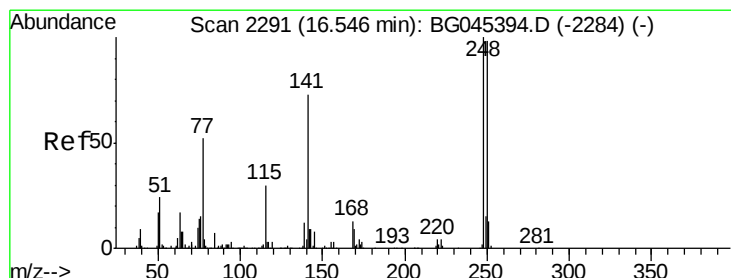
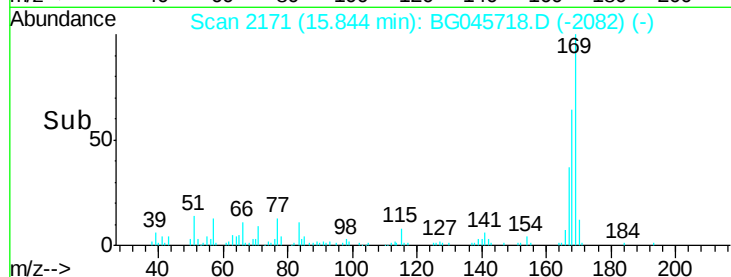
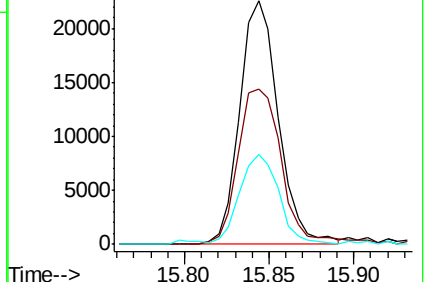
167 37.2 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.893 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

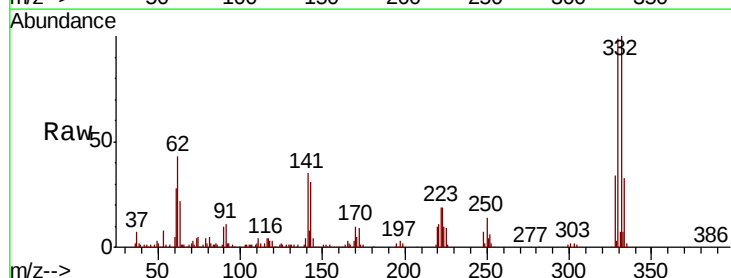
Tgt Ion:248 Resp: 10353

Ion Ratio Lower Upper

248 100

250 208.0 78.6 117.8#

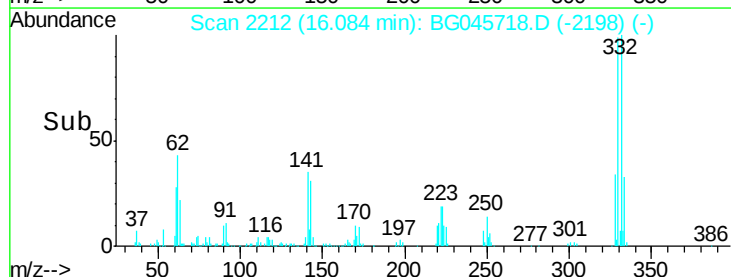
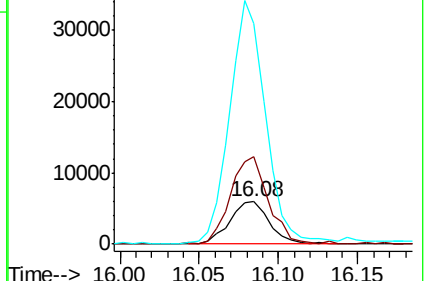
141 524.6 58.2 87.2#

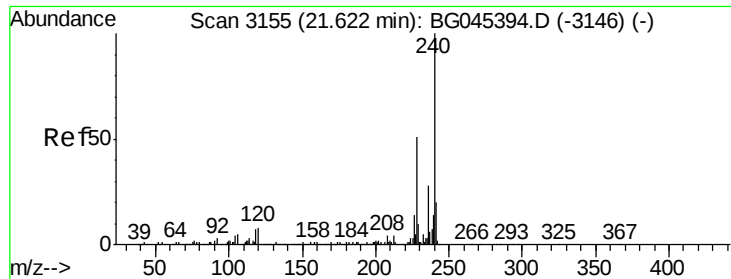


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

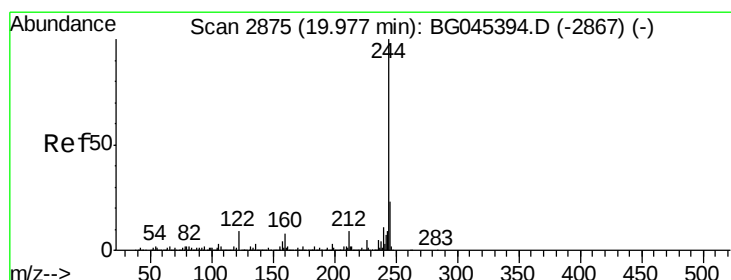
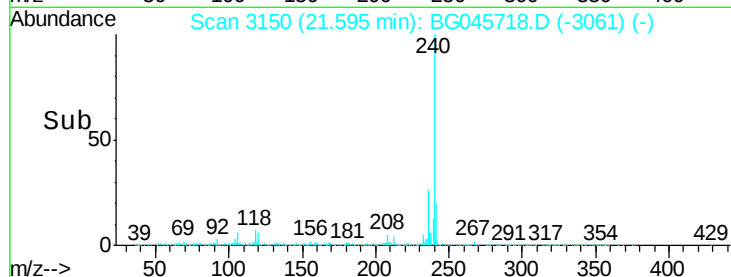
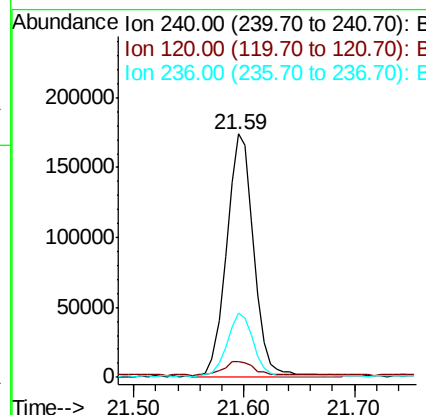
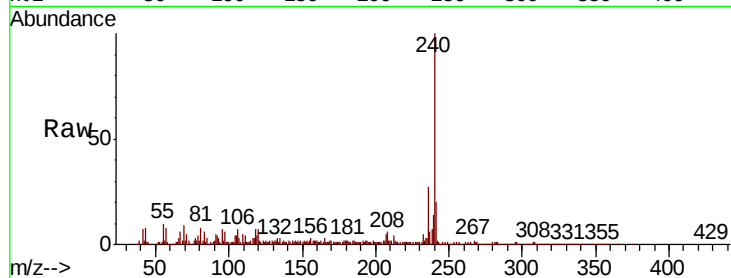




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

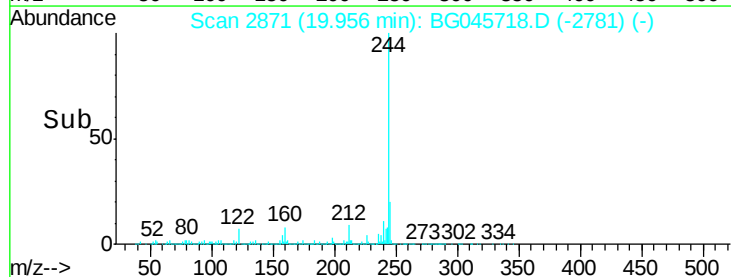
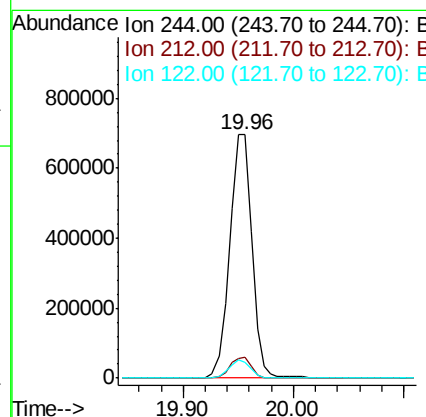
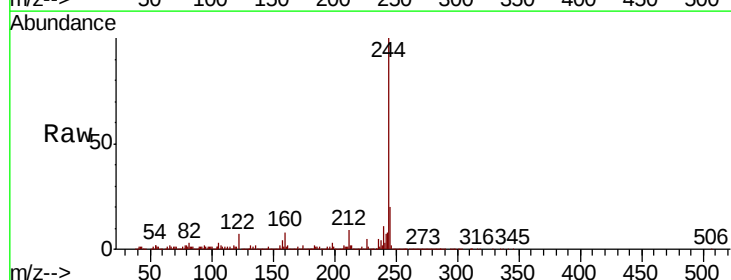
Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

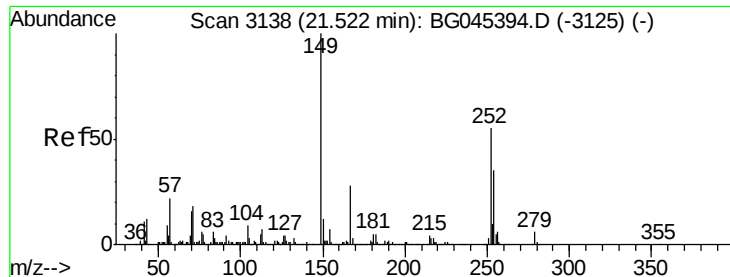
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	26.6	22.3	33.5



#79
Terphenyl-d14
Concen: 77.518 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	6.7	6.8	10.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.411 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

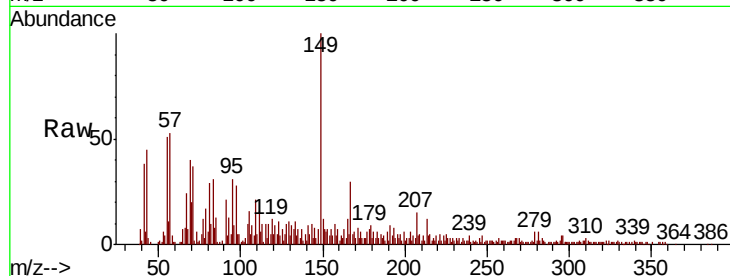
Tot Ion:149 Resp: 54336

Ion Ratio Lower Upper

149 100

167 29.9 22.2 33.2

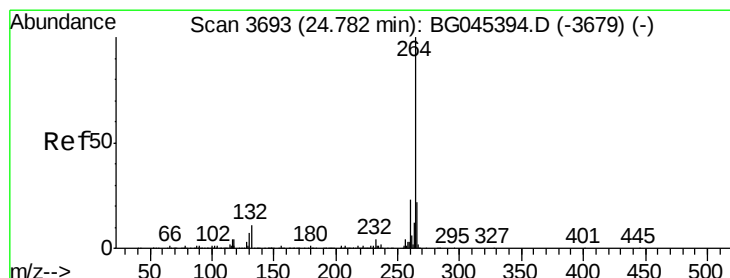
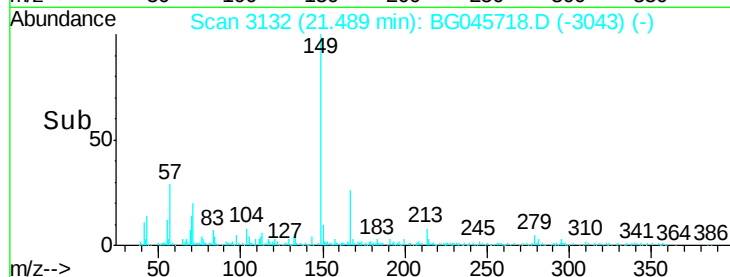
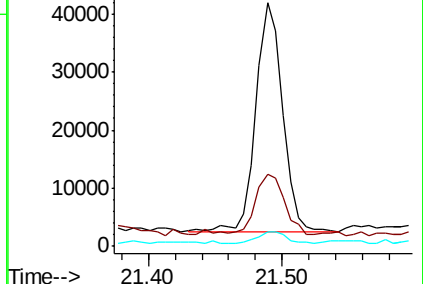
279 5.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

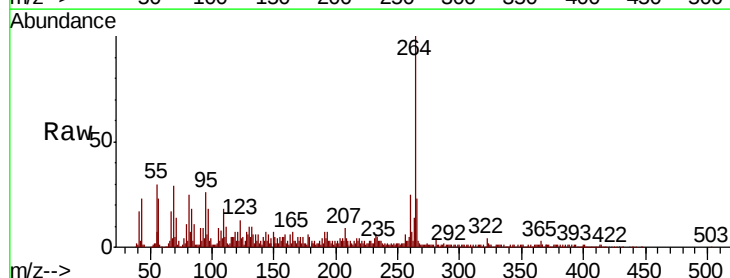
Tgt Ion:264 Resp: 316123

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 23.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

